

Remarks

The specification is objected to. Claims 1-4 are objected to. Claims 1 and 4-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujimori (US 5,978,054).
5 Claim 2 is rejected under 35 U.S.C. 103(a) as being anticipated by Fujimori (US 5,978,054). Claims 3 and 12 are rejected under 35 U.S.C. 103(a) as being anticipated by Fujimori (US 5,978,054) and further in view of Nakazawa et al. (6,137,635). Claim 13 is rejected under 35 U.S.C. 103(a) as being anticipated by Fujimori (US 5,978,054) and further in view of Natsuyama (6,724,445). Claim 14 is rejected under 35 U.S.C.
10 103(a) as being anticipated by Fujimori (US 5,978,054) and further in view of Muramatsu (6,675,470).

1. Objection to the specification:

The disclosure is objected to because of several informalities. Appropriate
15 correction is required.

Response:

The applicant has carefully reviewed the specification to find and correct all logical and typographical errors. No new matter has been added through these
20 amendments. Acceptance of the corrected specification is requested.

2. Objection to the claims:

Claims 1-4 are objected to because of the following informalities: claim 1 recites the limitations "the first screw" in section (a) of the claim and "the second
25 screw" in section (b) of the claim. Claims 2-4 fall with their parent claim. Appropriate correction is required.

Response:

The applicant has amended claim 1 to replace "the first screw" with --a first
30 screw-- and "the second screw" with --a second screw--. Acceptance of claims 1-4 is requested.

3. Rejection of claims 1 and 4-11 under 35 U.S.C. 102(b):

Claims 1 and 4-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujimori (US 5,978,054) for reasons of record, as recited on pages 3-6 of the above-indicated Office action.

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Response:

Independent claims 1 and 5 have been amended to distinguish from the Fujimori patent. The currently amended claims 1 and 5 now state that the second screw is adjusted "to position the second modulator side against the elastic protrusion for compressing the elastic protrusion and tilting the image modulator until the image projected from the second modulator side of the image modulator is focused on the screen". In other words, the second screw is tightened to tilt the image modulator for focusing projected images. Tightening the screw to compress the elastic protrusion tilts the image modulator. If the image modulator is thought of as having a roughly flat shape with a surface set in an X-Y plane, **tilting the image modulator moves the image modulator in the Z-axis.** Support for this amendment to claims 1 and 5 is given in paragraph [0031] of the specification, "When the lens and DMD are installed on the supporting frame, the elastic protrusions are compressed to adjust the parallel positioning of the DMD and the lens to optimize the focus of the lens." No new matter has been added through these amendments to claims 1 and 5.

On the other hand, Fujimori teaches in Figs.7B-7D and in col.9, line 66 to col.10, line 20 that the screw 12 is engaged with holding member 9 to adjust the rotation of the holding member 9 and the LCD panel 1b in the X-axis and Y-axis. Therefore, **the screw 12 is only used for adjusting rotation in the X-Y plane, but not for adjusting depth of the LCD panel 1b in the Z-axis.** Fujimori also teaches that an eccentric cam 13 or an eccentric pin 14 can be inserted into a hole instead of the screw 12 for adjusting or preventing rotation of the holding member 9 in the X-Y plane.

Fujimori goes on to say that after the alignment process is completed, the

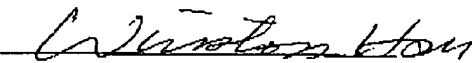
holding member 9 is permanently fixed by the screws 15 (col.10, lines 35-39). Therefore, the process taught by Fujimori does not teach adjusting the depth of the LCD panel 1b in the Z-axis direction.

5 Fujimori does not teach adjusting the screw 12 to compress an elastic protrusion or to tilt the LCD panel 1b. The screw 12 used by Fujimori only adjusts the rotation of the LCD panel 1b, and does not tilt or adjust the depth of the LCD panel 1b in any way. Therefore, Fujimori does not teach or suggest each of the limitations of the currently amended claims 1 and 5, and does not
10 anticipate claims 1 and 5 of the instant application.

Claims 2-4 and 6-14 are respectively dependent on claims 1 and 5 and should be allowed if claims 1 and 5 are allowed. Reconsideration of claims 1-14 is respectfully requested.

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Respectfully submitted,


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